**Agenda Item: 14.3**

**Source: Meta Ireland (Rapporteur) and NTT**

**Title: iRTCW Time & Work Plan**

**Version: 2.0.0**

**Document for: Agreement**

**Introduction**

It is proposed to proceed Rel-18 WI iRTCW with the following deliverables:

1. TS 26.113 *Enabler for Immersive Real-time Communication* V2.0.0
2. (If any) files to be attached to TS 26.113
3. A source file (e.g., of Visio) including all figures in TS 26.113 (for facilitating maintenance and enhancement of the specification)
4. A permanent document including key contents, tentatively agreed texts, and open issues that may necessitate further works in RTC or other SA4 SWGs, 3GPP WGs, or other organizations.

Detailed schedules including telcos will be introduced and aligned with other Rel-18 works. iRTCW includes several tracks of works that have to be aligned. Each track follows a four-step process:

1. Review: start initial discussion on the topic (with contributions covering basic/background information)
2. Progress: (1) outline potential solutions (if used for each track), (2) update and increase version number (if used for TS 26.113)
3. Draft: draft texts, tables, or figures to be included in TS 26.113
4. Agree: agree texts, tables, or figures to be included in TS 26.113.

**Proposed Time and Work Plan**

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| --- | --- | --- |
| **Meeting** | **Date** | **Activity** |
| SA4#117-e | 14-23 February, 2022 | * Agreed New WID on immersive Real-time Communication for WebRTC ([S4-220273](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_117-e/Docs/S4-220273.zip)) |
| SA#95-e | 15-24 March, 2022 | * Approved New WID on immersive Real-time Communication for WebRTC ([SP-220241](https://www.3gpp.org/ftp/tsg_sa/TSG_SA/TSGS_95E_Electronic_2022_03/Docs/SP-220241.zip)) |
| SA4#118-e | 6-14 April, 2022 | * Reviewed time and work plan ([S4-220417](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_118-e/Docs/S4-220417.zip)) |
| SA4#119-e | 11-20 May, 2022 | * Agreed skeleton of TS 26.113 ([S4-220768](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_119-e/Docs/S4-220768.zip)) * Agreed skeleton of permanent document ([S4-220769](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_119-e/Docs/S4-220769.zip)) * Agreed time and work plan ([S4-220770](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_119-e/Docs/S4-220770.zip)) |
| Telco #1 | 1 June, 2022 (16:00-18:00 CEST, Host: Qualcomm) | * Submission due: 23:59 CEST, 30 May, 2022 * Classified & clarified proposals on architecture and function ([S4aR220009](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/3GPP_SA4_AHOC_MTGs/SA4_RTC/Docs/S4aR220009.zip)) * Updated PD to include WebRTC QoS architecture ([S4aR220010](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/3GPP_SA4_AHOC_MTGs/SA4_RTC/Docs/S4aR220010.zip)) |
| SA#96 | 7-10 June, 2022 | * Approved Rel-18 WIs related to iRTCW |
| Telco #2 | 13 July, 2022 (6:00-8:00 CEST, Host: Qualcomm) | * Submission due: 23:59 CEST, 8 July, 2022 * Agreed (into PD) 3D video capture ([S4aR220014](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/3GPP_SA4_AHOC_MTGs/SA4_RTC/Docs/S4aR220014.zip)) |
| Telco #3 | 27 July, 2022 (16:00-18:00 CEST, Host: Qualcomm) | * Submission due: 23:59 CEST, 22 July, 2022 * Discussed microphone description ([S4aR220016](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/3GPP_SA4_AHOC_MTGs/SA4_RTC/Docs/S4aR220016.zip)) * Discussed volumetric video use cases and requirements ([S4aR220020](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/3GPP_SA4_AHOC_MTGs/SA4_RTC/Docs/S4aR220020.zip)) |
| Telco #4 | 03 August, 2022 (6:00-8:00 CEST, Host: Qualcomm) | * Submission due: 23:59 CEST, 29 July, 2022 * Agreed (into PD) microphone description (rev) ([S4aR220022](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/3GPP_SA4_AHOC_MTGs/SA4_RTC/Docs/S4aR220022.zip)) * Agreed (into PD) size measurement and scaling ([S4aR220023](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/3GPP_SA4_AHOC_MTGs/SA4_RTC/Docs/S4aR220023.zip)) * Discussed dynamic 3D representation use cases and requirements ([S4aR220024](https://urldefense.com/v3/__https:/www.3gpp.org/ftp/TSG_SA/WG4_CODEC/3GPP_SA4_AHOC_MTGs/SA4_RTC/Docs/S4aR220024.zip__;!!Bt8RZUm9aw!-KG1Bkk2izWIXLJWwz9blhjonr55nu_MMAPclghDnlxTG7PtS0kSYSdhSWkVpa3zkNFZxOdlFtTpJEVBSw$)) |
| SA4#120 | 22-26 August, 2022 (17-26 August for e-meeting) | * Update time and work plan * Immersive media I/Os requirements for iRTC client in terminal * Dynamic 3D representation use cases and requirements * Draft introduction to TS 26.113 * Requirements for the WebRTC Signaling Protocol * Functional Requirements for Avatar Driven |
| SA#97 | 14-16 September, 2022 |  |
| Telco #5 | Sep 7, 2022, 16:00 – 18:00 CEST, Host Qualcomm | * Update WID for Unique IDs & alignment with related Rel-18 WIs * Review immersive media I/Os requirements for iRTC client in terminal * Review sensor information requirements for iRTC client in terminal * Review WebRTC protocol stack and potential separation of its control signal and user data * **Submission deadline: Sep 5, 16:00 CEST** |
| Telco #6 | Sep 21, 2022, 16:00 – 18:00 CEST, Host Qualcomm | * Update WID for Unique IDs & alignment with related Rel-18 WIs * Review immersive media I/Os requirements for iRTC client in terminal * Review sensor information requirements for iRTC client in terminal * Review WebRTC protocol stack and potential separation of its control signal and user data * **Submission deadline: Sep 16, 16:00 CEST** |
| Telco #7 | Oct 5, 2022, 6:00 – 8:00 CEST, Host Qualcomm | * Update WID for Unique IDs & alignment with related Rel-18 WIs * Review immersive media I/Os requirements for iRTC client in terminal * Review sensor information requirements for iRTC client in terminal * Review WebRTC protocol stack and potential separation of its control signal and user data * **Submission deadline: Sep 30, 6:00 CEST** |
| Telco #8 | Oct 19, 2022, 6:00 – 8:00 CEST, Host Qualcomm | * Update WID for Unique IDs & alignment with related Rel-18 WIs * Review immersive media I/Os requirements for iRTC client in terminal * Review sensor information requirements for iRTC client in terminal * Review WebRTC protocol stack and potential separation of its control signal and user data * **Submission deadline: Oct 14, 6:00 CEST** |
| SA4#121 | 14-18 November, 2022 (9-18 November for e-meeting) | * Update time and work plan * Progress immersive media I/Os for iRTC client in terminal (with Audio and Video SWGs) * Progress sensor information for iRTC client in terminal * Progress WebRTC protocol stack and potential separation of its control signal and user data |
| SA#98 | 14-16 December, 2022 |  |
| SA4#122 | 20-24 February, 2023 (20 February – 1 March for e-meeting) | * Update time and work plan * Review 3D video representation requirements for iRTC client in terminal (with Video SWG) * Review integration of iRTC components into 5G system * Progress TS 26.113 |
| SA#99 | 22-24 March, 2023 |  |
| SA4#123 | 17-21 April, 2023 | * Update time and work plan * Draft immersive media I/Os for iRTC client in terminal (with Audio and Video SWGs) * Draft 3D video representation requirements for iRTC client in terminal based on the I/Os (with Video SWG) * Draft sensor information for iRTC client in terminal * Progress integration of iRTC components into 5G system * Progress TS 26.113 |
| SA4#124 | 22-26 May, 2023 | * Update time and work plan * Draft protocol stack for iRTC client in terminal with control signal and user data separated * Draft integration of iRTC components into 5G system * Progress TS 26.113 |
| SA#100 | June, 2023 (TBD) | * Share WI status and remaining schedule |
| SA4#125 | 21-25 August, 2023 (16-25 August for e-meeting) | * Update time and work plan * Agree immersive media I/Os for iRTC client in terminal (with Audio and Video SWGs) * Agree 3D video representation requirements for iRTC client in terminal based on the I/Os (transfer further works to Video SWG) * Agree sensor information for iRTC client in terminal * Agree protocol stack for iRTC client in terminal with control signal and user data separated * Agree integration of iRTC components into 5G system * (If necessary) initiate communication with other 3GPP WGs and other technical/standard organizations * Agree TS 26.113 V1.0.0 |
| SA#101 | September, 2023 (TBD) | * Present TS 26.113 V1.0.0 |
| SA4#126 | 13-17 November, 2023 (8-17 November for e-meeting) | * Complete TS 26.113 V2.0.0 * Complete permanent document * Agree TS 26.113 V2.0.0 * Endorse work item summary |
| SA#102 | December, 2023 (TBD) | * Present TS 26.113 V2.0.0 for approval * Present work item summary |